Brett J Wong

List of Publications by Year in descending order

78 papers	1,924 citations	257450 24 h-index	254184 43 g-index
78 all docs	78 docs citations	78 times ranked	1363 citing authors

#	Article	IF	Citations
1	A (heatâ€)sensitive matter: Microvascular function and preâ€eclampsia. Experimental Physiology, 2022, 107, 101-102.	2.0	0
2	Effect of Oral Contraceptive Phase on Mechanisms of Cutaneous Microvascular Function. FASEB Journal, 2022, 36, .	0.5	0
3	The Role of Endothelin Receptors on Sensory Nerve Mediated Dilation in Postmenopausal Women. FASEB Journal, 2022, 36, .	0.5	0
4	Inhibition of iNOS augments cutaneous endothelial NO-dependent vasodilation in prehypertensive non-Hispanic Whites and in non-Hispanic Blacks. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H190-H199.	3.2	8
5	Berries and Their Polyphenols as a Potential Therapy for Coronary Microvascular Dysfunction: A Mini-Review. International Journal of Molecular Sciences, 2021, 22, 3373.	4.1	11
6	Endotheliumâ€Independent, but Not Endotheliumâ€Dependent, Human Microvascular Vasodilation Differs Between Young, Healthy Females and Males. FASEB Journal, 2021, 35, .	0.5	0
7	Independent and Cumulative Effects of Superoxide and iNOS on Cutaneous NOâ€Dependent Vasodilation in Normotensive Nonâ€Hispanic Blacks and Whites. FASEB Journal, 2021, 35, .	0.5	0
8	Berry-Derived Polyphenols in Cardiovascular Pathologies: Mechanisms of Disease and the Role of Diet and Sex. Nutrients, 2021, 13, 387.	4.1	16
9	The Effects of Exclusive Walking on Lipids and Lipoproteins in Women with Overweight and Obesity: A Systematic Review and Meta-Analysis. American Journal of Health Promotion, 2021, , 089011712110481.	1.7	0
10	Leg heat therapy improves perceived physical function but does not enhance walking capacity or vascular function in patients with peripheral artery disease. Journal of Applied Physiology, 2020, 129, 1279-1289.	2.5	7
11	Last Word on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control that include women. Journal of Applied Physiology, 2020, 129, 1138-1139.	2.5	7
12	Counterpoint: Investigators should not control for menstrual cycle phase when performing studies of vascular control that include women. Journal of Applied Physiology, 2020, 129, 1117-1119.	2.5	50
13	Rebuttal to Drs. Wenner and Stachenfeld. Journal of Applied Physiology, 2020, 129, 1121-1121.	2.5	4
14	Sensory nerve-mediated and nitric oxide-dependent cutaneous vasodilation in normotensive and prehypertensive non-Hispanic blacks and whites. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H271-H281.	3.2	9
15	Cutaneous sensory nerveâ€mediated microvascular vasodilation in normotensive and prehypertensive nonâ€Hispanic Blacks and Whites. Physiological Reports, 2020, 8, e14437.	1.7	7
16	Female Sex Hormone Effects on the Vasculature: Considering the Validity of Restricting Study Inclusion to Low-Hormone Phases. Frontiers in Physiology, 2020, 11, 596507.	2.8	9
17	Endothelialâ€Dependent, but not Endothelialâ€Independent, Vasodilation Is Reduced in Nonâ€Hispanic Blacks versus Nonâ€Hispanic Whites. FASEB Journal, 2020, 34, 1-1.	0.5	0
18	Effect of Physical Activity on Oxidative Stress and Endothelialâ€Dependent Cutaneous Microvascular Function in Nonâ€Hispanic Blacks: A Pilot Study. FASEB Journal, 2020, 34, 1-1.	0.5	0

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19	Dietary sodium and oxidative stress impair cutaneous microvascular function independent of blood pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H60-H62.	3.2	2
20	Sensory Nerveâ€Mediated and Nitric Oxideâ€Dependent Vasodilation Is Reduced in Nonâ€Hispanic Blacks Compared to Nonâ€Hispanic Whites. FASEB Journal, 2019, 33, 696.7.	0.5	0
21	Reduced Sensory Nerve Function and Nitric Oxide Sensitivity in Nonâ€Hispanic Blacks Compared to Nonâ€Hispanic Whites. FASEB Journal, 2019, 33, 696.8.	0.5	0
22	Effect of iNOS on Cutaneous Thermal Hyperemia in Nonâ€Hispanic Blacks versus Nonâ€Hispanic Whites. FASEB Journal, 2019, 33, 696.5.	0.5	0
23	Cutaneous reactive hyperaemia is unaltered by dietary nitrate supplementation in healthy humans. Clinical Physiology and Functional Imaging, 2018, 38, 772-778.	1.2	7
24	Urinary F 2 -isoprostanes and the risk of hypertension. Annals of Epidemiology, 2017, 27, 391-396.	1.9	10
25	Current concepts of active vasodilation in human skin. Temperature, 2017, 4, 41-59.	3.0	54
26	Systemic F2-Isoprostane Levels in Predisposition to Obesity and Type 2 Diabetes: Emphasis on Racial Differences. Diversity and Equality in Health and Care, 2017, 14, 91-101.	0.2	4
27	Acute Thermotherapy Prevents Impairments in Cutaneous Microvascular Function Induced by a High Fat Meal. Journal of Diabetes Research, 2016, 2016, 1-11.	2.3	3
28	Heat therapy promotes the expression of angiogenic regulators in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R377-R391.	1.8	45
29	Thermotherapy reduces blood pressure and circulating endothelin-1 concentration and enhances leg blood flow in patients with symptomatic peripheral artery disease. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R392-R400.	1.8	38
30	Which comes first in human temperature regulation: the physiological or the behavioural response?. Experimental Physiology, 2016, 101, 1191-1191.	2.0	0
31	Augmented reflex cutaneous vasodilatation following shortâ€term dietary nitrate supplementation in humans. Experimental Physiology, 2015, 100, 708-718.	2.0	22
32	Short-term dietary nitrate supplementation augments cutaneous vasodilatation and reduces mean arterial pressure in healthy humans. Microvascular Research, 2015, 98, 48-53.	2.5	36
33	Prospective Association Between Oxidative Status and Hypertension. Annals of Epidemiology, 2015, 25, 706.	1.9	0
34	Endothelial nitric oxide synthase mediates the nitric oxide component of reflex cutaneous vasodilatation during dynamic exercise in humans. Journal of Physiology, 2014, 592, 5317-5326.	2.9	59
35	Influence of exercise intensity on respiratory muscle fatigue and brachial artery blood flow during cycling exercise. European Journal of Applied Physiology, 2014, 114, 1767-1777.	2.5	20
36	Sensory nerves and nitric oxide contribute to reflex cutaneous vasodilation in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R651-R656.	1.8	31

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37	Nitrate supplementation augments cutaneous reactive hyperemia in healthy humans. FASEB Journal, 2013, 27, .	0.5	0
38	Transient receptor potential vanilloid type 1 channels contribute to reflex cutaneous vasodilation in humans. Journal of Applied Physiology, 2012, 112, 2037-2042.	2.5	41
39	Anterograde and retrograde blood velocity profiles in the intact human cardiovascular system. Experimental Physiology, 2012, 97, 849-860.	2.0	22
40	No direct role for <scp>A</scp>1/<scp>A</scp>2 adenosine receptor activation to reflex cutaneous vasodilatation during wholeâ€body heat stress in humans. Acta Physiologica, 2012, 205, 403-410.	3.8	18
41	eNOS and nNOS contribution to reflex cutaneous vasodilation during dynamic exercise in humans. FASEB Journal, 2012, 26, 1079.11.	0.5	0
42	Role of splanchnic constriction in governing the hemodynamic responses to gravitational stress in conscious dogs. Journal of Applied Physiology, 2011, 111, 40-47.	2.5	2
43	Ibuprofen Alters Initial Hyperemic Response Within Skeletal Muscle, But Not Cutaneous, Microvasculature During Post-occlusive Reactive Hyperemia. Medicine and Science in Sports and Exercise, 2011, 43, 156.	0.4	0
44	Increased brachial artery retrograde shear rate at exercise onset is abolished during prolonged cycling: role of thermoregulatory vasodilation. Journal of Applied Physiology, 2011, 110, 389-397.	2.5	80
45	No effect of systemic isocapnic hypoxia on Î±-adrenergic vasoconstrictor responsiveness in human skin. Acta Physiologica, 2011, 201, 339-347.	3.8	9
46	Changes in the control of skin blood flow with exercise training: where do cutaneous vascular adaptations fit in?. Experimental Physiology, 2011, 96, 822-828.	2.0	102
47	Altered thermal hyperaemia in human skin by prior desensitization of neurokinin-1 receptors. Experimental Physiology, 2011, 96, 599-609.	2.0	28
48	Inhibition of Transient Receptor Potential Vanilloid Type-4 (TRPV-4) Channels Attenuates Cutaneous Thermal Hyperemia in Humans. Medicine and Science in Sports and Exercise, 2011, 43, 645.	0.4	0
49	TRPVâ€1 Channels Contribute to Cutaneous Active Vasodilation in Humans. FASEB Journal, 2011, 25, 1053.19.	0.5	0
50	BRACHIAL AND FEMORAL ARTERY BLOOD VELOCITY PROFILES ARE QUASIâ€PARABOLIC DURING PHYSIOLOGIC STRESS. FASEB Journal, 2011, 25, 1108.12.	0.5	0
51	The role of protein kinase G in the cutaneous vascular response to whole body heat stress in humans. FASEB Journal, 2011, 25, 1053.20.	0.5	0
52	Variation In Near-infrared Spectroscopy And Cutaneous And Intramuscular Laser Doppler Results During Ischemia And Post-occlusive Reactive Hyperemia. Medicine and Science in Sports and Exercise, 2010, 42, 54.	0.4	0
53	Adenosine receptor inhibition with theophylline attenuates the skin blood flow response to local heating in humans. Experimental Physiology, 2010, 95, 946-954.	2.0	44
54	Transient receptor potential vanilloid type-1 (TRPV-1) channels contribute to cutaneous thermal hyperaemia in humans. Journal of Physiology, 2010, 588, 4317-4326.	2.9	101

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55	Thermoregulatory Vasodilation During Prolonged Cycling Abolishes Increases In Brachial Artery Retrograde Shear Rate At Exercise Onset. Medicine and Science in Sports and Exercise, 2010, 42, 39.	0.4	4
56	Commentaries on Viewpoint: Pick your Poiseuille: Normalizing the shear stimulus in studies of flow-mediated dilation. Journal of Applied Physiology, 2009, 107, 1360-1365.	2.5	3
57	Does limb angular motion raise limb arterial pressure?. Acta Physiologica, 2009, 195, 367-374.	3.8	6
58	Very low frequency blood pressure variability is modulated by myogenic vascular function and is reduced in stroke-prone rats. Journal of Hypertension, 2008, 26, 1127-1137.	0.5	11
59	Commentary on Viewpoint: The human cutaneous circulation as a model of generalized microvascular function. Journal of Applied Physiology, 2008, 105, 376-376.	2.5	4
60	Myogenic origin of the hypotension induced by rapid changes in posture in awake dogs following autonomic blockade. Journal of Applied Physiology, 2008, 105, 1837-1844.	2.5	6
61	Commentary on Viewpoint: Is left ventricular volume during diastasis the real equilibrium volume, and what is the relationship to diastolic suction?. Journal of Applied Physiology, 2008, 105, 1017-1017.	2.5	1
62	Evidence for NKâ€1 Receptors in the Thermal Hyperemic Response in Human Skin. FASEB Journal, 2008, 22, .	0.5	0
63	Impact of a somatostatin analog on vascular capacity in conscious dogs. FASEB Journal, 2007, 21, A949.	0.5	0
64	Muscle pump function of limb swing: limb angular motion augments limb arterial pressure. FASEB Journal, 2007, 21, A572.	0.5	0
65	Contribution of Hindlimb Myogenic Reactions to Push-Pull Gravitational Stress in Conscious Dogs. Medicine and Science in Sports and Exercise, 2007, 39, S325.	0.4	1
66	Minimal role for H₁and H₂histamine receptors in cutaneous thermal hyperemia to local heating in humans. Journal of Applied Physiology, 2006, 100, 535-540.	2.5	24
67	Nitric oxide and noradrenaline contribute to the temperature threshold of the axon reflex response to gradual local heating in human skin. Journal of Physiology, 2006, 572, 811-820.	2.9	100
68	Neurokinin-1 receptor desensitization attenuates cutaneous active vasodilatation in humans. Journal of Physiology, 2006, 577, 1043-1051.	2.9	67
69	Neurokininâ€1 receptor desensitization to consecutive microdialysis infusions of substance P in human skin. Journal of Physiology, 2005, 568, 1047-1056.	2.9	34
70	Vasoactive intestinal peptide fragment VIP10â€“28 and active vasodilation in human skin. Journal of Applied Physiology, 2005, 99, 2294-2301.	2.5	28
71	Mechanisms of vasoactive intestinal peptide-mediated vasodilation in human skin. Journal of Applied Physiology, 2004, 97, 1291-1298.	2.5	61
72	H1 but not H2 histamine receptor activation contributes to the rise in skin blood flow during whole body heating in humans. Journal of Physiology, 2004, 560, 941-948.	2.9	89

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73	Reactive hyperemia as a test of endothelial or microvascular function?. Journal of the American College of Cardiology, 2004, 43, 2147.	2.8	21
74	Nitric oxide and attenuated reflex cutaneous vasodilation in aged skin. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H1662-H1667.	3.2	123
75	Nitric oxide synthase inhibition does not alter the reactive hyperemic response in the cutaneous circulation. Journal of Applied Physiology, 2003, 95, 504-510.	2.5	146
76	Nitric oxide is not permissive for cutaneous active vasodilatation in humans. Journal of Physiology, 2003, 548, 963-969.	2.9	4
77	Nitric oxide is not permissive for cutaneous active vasodilatation in humans. Journal of Physiology, 2003, 548, 963-969.	2.9	54
78	Decreased nitric oxide- and axon reflex-mediated cutaneous vasodilation with age during local heating. Journal of Applied Physiology, 2002, 93, 1644-1649.	2.5	231